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### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/29571

		FC1/0302/293/1			
A. CLASSIFICATION OF SUBJECT MATTER					
IPC(7) : A61K 51/00, 31/00, 38/00, 31/70; C07H 21/04					
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B. FIELDS SEARCHED					
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U.S.: 424/1.73; 514/1, 2, 44; 536/23.1					
Documentati	on searched other than minimum documentation to the	ne extent that such documents are include	in the fields searched		
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C. DOC	UMENTS CONSIDERED TO BE RELEVANT	· · · · · · · · · · · · · · · · · · ·			
Category *		representate of the rel	Dilamenta 11 N		
<del></del>	Citation of document, with indication, where a		Relevant to claim No.		
x	WO 99/65529 A1 (ALZA CORPORATION) 23 D	ecember 1999 (23.12.1999), See	1, 11, 12, 18, 28-30		
	entire document, especially abstract, page 4, lines	19-29; page 5 lines 6-21; page 6, lines			
Y	4 to page 7, line 10; page 7, line-18-page 11, line	8.	2-10, 13, 14, 19-27		
X	Database Scisearch on STN (The Genuine Article)	. AN 1998: 196974, No. 7.A014	1311		
	Database Scisearch on STN (The Genuine Article), AN 1998: 196974, No. ZA014, 1, 3, 11     Evaluation of coupling of cobalamin to antisense oligomicleotides by thin-layer and				
Y	reveresed-phase liquid chromatography', abstract,	CIIV et al 27 Cabrure: 1009	2 4 10 12 14 19 20		
•	reveresed place inquid encontaitography, abstract,	GU 1 et al, 27 February, 1996.	2, 4-10, 12-14, 18-30		
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D	dominante are listed in the service at S. C.				
rurmer	documents are listed in the continuation of Box C.	See patent family annex.			
* S	pecial categories of cited documents:	T later document published after the int	emational filing date or		
"A" document	defining the general state of the are which to are and the	priority date and not in conflict with	the application but cited to		
	defining the general state of the art which is not considered to icular relevance	understand the principle or theory un	derlying the invention		
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	plication or patent published on or after the international filing	considered novel or cannot be consid			
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"O" document referring to an oral disclosure, use, exhibition or other means		"&" document member of the same patent	C17-1		
"P" document published prior to the international filing date but later than the		"&" document member of the same patent	ramuy		
<u> </u>	ste claimed				
Date of the actual completion of the international search  Date of mailing of the international search report					
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11 December 2002 (11.12.2002)					
Name and mailing address of the ISA/US  Authorized officer  Authorized officer					
Commissioner of Patents and Trademarks		Labrie Ball-Harrisfor			
Box PCT Washington, D.C. 20231		rdcoard Schmizer, Ph. D	July C		
Facsimile No. (703) 305-3230 Telephone No. (703) 308-0196					
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Form PCT/ISA/210 (second sheet) (July 1998)

### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/29571

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)			
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
Claim Nos.:     because they relate to subject matter not required to be searched by this Authority, namely:			
2. Claim Nos.: 16 and 17 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  Please See Continuation Sheet			
Claim Nos.: 15     because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows:			
<ol> <li>As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.</li> <li>As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.</li> </ol>			
As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:			
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.			

Form PCT/ISA/210 (continuation of first sheet(1)) (July 1998)

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INTERNATIONAL SEARCH REPORT	PC1/0502/295/1	
INTERNATIONAL SEARCH REPORT		
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Continuation of Box I Reason 2:		
Claim 16 is so indefinite that no meaningful search could be carried out. the c	claim is incomplete, ending in the clause "wherein the	
Claim 16 is so indefinite that no meaningful search could be carried out. the c nucleic acid. No information is given regarding the nucleic acid. Claim 17 is	s similarly indefinite because it depends from claim 16.	
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